

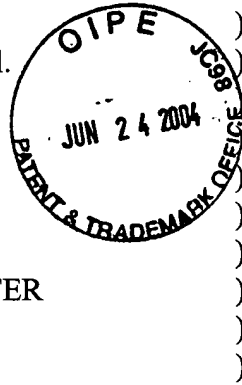
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:
Zarook M. Shareefdeen et al.

Serial No.: 10/687,761

Filed: October 20, 2003

For: BIOLOGICAL FILTER



Group Art Unit: 1744

Examiner: unknown

Attorney Docket: 3251378.0004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is being filed within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

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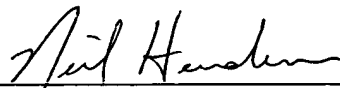
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In compliance with 37 CFR 1.98(a)(2), also enclosed, where applicable, is a legible copy of:

- i) each U.S. patent application publication and United States and foreign patent;
- ii) each publication or that portion which caused it to be listed;
- iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and
- iv) all other information or that portion which caused it to be listed, excluding any copies of unpublished United States patent applications.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



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FORM PTO-1449

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3251378.0004Application Number
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October 20, 2003Group Art Unit
1744

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

JUN 24 2004

U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE dd/mm/yy	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	0 497 214	09/08/95	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Allen, E.R. and Yang, Y., "Biofiltration: An Air Pollution Control Technology for Hydrogen Sulfide Emissions", Industrial Environmental Chemistry, NY, 1992, pp 273-287.
		Chung, Y-C et al., "Comparison of Autotrophic and Mixotrophic Biofilters for Hydrogen Sulfide Removal", J. of Env. Engineering, April 1998, pp 362-367.
		Chung, Y-C et al., "Biodegradation of Hydrogen Sulfide by a Laboratory Scale Immobilized Pseudomonas Putida CH11 Biofilter", Biotech. Progress, 12, 1996, pp 773-778
		Shareefdeen et al. "Biofiltration of Nuisance Sulfur Gaseous Odors from a Meat Rendering Plant", J of Chemical Technology and Biotechnology, 77:1296-1299, 2002
		Yang, Y. and Allen, E.R., part 1 "Biofiltration Control of Hydrogen Sulfide 1. Design and Operational Parameters, J. Air & Waste Manage. Assoc., 44, 863-868, 1994.
		Yang, Y. and Allen, E.R., "Biofiltration Control of Hydrogen Sulphide. 2. Kinetics, Biofilter performance and maintenance", J. Air & Waste Manage. Assoc., 44 (November):1315-1321, 1994.
EXAMINER:		DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.